

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 26 Dec 2021 until 23:59 on Monday 27 Dec 2021

Forecast Issued on Saturday 25 Dec 2021 at 12:50

Confidence: High for becoming milder and showery on Sunday and for unsettled, mostly mild conditions into next week, but increasingly lower confidence for details.

Headline for Sunday 26 Dec 2021: Snow on the tops at first, then patchy rain or drizzle in morning, followed by showers in afternoon, though staying mostly cloudy and rather murky.

Mountain weather hazards on Sunday 26 Dec 2021

Blizzards
Low Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
				Time			
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light snow	Heavy snow	Heavy snow	Light snow	Fog	Fog	Fog	Fog
Precipitation probability							
90%	80%	70%	70%	40%	20%	60%	20%

Forecast for Sunday 26 Dec 2021

Weather: Snow overnight, with blizzard conditions on the tops, but turning to rain on lowest slopes by end of the night. A rather dull day, snow at most elevation at first but gradually turning to rain or drizzle at all heights through the morning and becoming patchy. A few bright or perhaps sunny spells developing in afternoon with rain turning to showers, but still a good deal of hill fog around and the odd heavy shower, with risk of hail and thunder.

Chance of cloud free mountain/hill tops above 600m: Nil becoming 40% in afternoon

Visibility: Moderate or poor, but very poor at height, with extensive cloud down to 400m, possibly 250m at first. Becoming mainly good beneath cloud in the afternoon with bases mostly lifting to 500-700m but still down to 300 or 400m at times.

Forecast for Sunday 26 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/35 E	21/30 E	17/25 E	14/22 E	12/19 E	9/14 E	7/13 SE	7/12 SE	7/12 SE
300	14/32 E	11/26 E	13/28 E	11/23 E	10/19 E	7/15 E	5/11 E	4/10 SE	4/9 SE
Valley	20/40 E	17/35 E	14/29 E	12/25 E	11/22 E	8/17 E	7/16 E	6/14 E	5/11 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-10	-2/-10	-2/-8	-1/-7	0/-5	1/-3	1/-2	2/-2	2/-1
300	0/-5	0/-5	0/-5	1/-4	2/-2	2/-1	3/0	3/1	3/2
Valley	2/-4	2/-4	2/-3	2/-2	4/-0	4/1	4/2	5/2	5/3
Freezing Level*	200m	300m	300m	400m	900m	1200m	1200m	1200m	1200m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Slowly becoming milder with winds falling light, but still a significant chill at height through the day. Navigational difficulties to be expected with snow at height at first and rather extensive hill fog.

Recent rainfall: measured at Malham: altitude 375m

Recorded at
15:00 on Sat 25 Dec 2021

Last 24 hours:
1mm

Last 48 hours:
7.2mm

Last 72 hours:
9mm

Forecast for Monday 27 Dec 2021

Weather: Dry with some clear spells developing overnight but patchy fog could form. Any fog will slowly clear but cloud will thicken and lower in the morning to bring outbreaks of rain and drizzle, along with extensive hill fog. Becoming generally dry in evening and some clear spells will develop, though perhaps again some fog forming.

Maximum wind: Southeast 15-20mph becoming easterly 10mph in afternoon and light and variable in evening.

Chance of cloud free mountain/hill tops above 600m: 70%, decreasing to almost nil in morning, but 30% later

Visibility: Good becoming moderate in rain and very poor at height with cloud lowering from 700m to 450m and becoming extensive in morning, with patches down to 300m at times, though cloud breaking up in evening.

Temperature: **Valleys:** Plus 4 C rising to plus 9 C
At 600m: Plus 6 C, later plus 3 C
Freezing level: Above the tops, but falling to 900m in evening